

Draft - Aquifer Exemption Proposal Completeness Checklist

State Water Resources Control Board

Staff Reviewer:	
Field:	Aquifer/Zone:
Date submitted:	Completeness Review (start/end):

No.	Parameters	Citation	Yes	Page or Attachment	No	Notes	N/A
1	List of operators affected by aquifer exemption						
2	List of aquifer(s), or portions of aquifer(s), proposed for exemption						
3	Estimated timeline of future injection project(s)	Used primarily for containment modeling					
4	Detailed map(s) and geologic cross-sections that delineate (laterally/vertically) the boundaries of the aquifer(s) exemption. These maps and cross-sections must extend at least ¼-mile beyond the boundaries (i.e. buffer zone).	PRC 3131(a) criteria PRC 3131(b) and 40 CFR 146.4(a) criteria					
5a	A table that lists of all water supply wells identified within the Study Area (the proposed exempted area, plus the buffer zone)						
5b	This table must include, at a minimum: type of well, status (i.e. active, idle, etc.), total depth, and if known, the screen interval, analytical data and aquifer						
6	A map showing the locations of water supply wells within the Study Area						
7	An assessment on whether any water supply wells have a hydrologic connection with the proposed exemption area						
8	Detailed, technical explanation of the lateral and vertical extent of the aquifer(s) proposed for exemption	Remaining 40 CFR 146.4 criteria (b1-c)					
9	An assessment of the potential future beneficial use of the groundwater of the proposed exempted aquifer(s)	PRC 3131(b) criteria					

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10	Discussion on Basin Plan designations (all municipal, except in rare cases)	- current designations					
11	Water quality data of the aquifer(s)	- potential future source - changes in quality					
12	Water quality data of injectate	- potential future source - changes in quality					
13	Detailed, technical explanation of how the injected fluid will be contained in the proposed exemption area (geologic, hydrologic, hydraulic). <i>One or more of the following is required:</i>	PRC 3131(c)					
13a	Detailed map(s) and geologic cross-sections showing geologic containment features (i.e. sealing faults, pinch-outs, low permeability rock, etc.)						
13b	Map(s) showing hydraulic gradient						
13c	Groundwater (injected fluid) flow modeling over the life of injection project(s)						
13d	Physical properties of containment features in the aquifer(s) (sealing faults, pinch-outs, confining layers, etc.)						
13e	Other empirical evidence of containment						